

ARGYLE HIGH SCHOOL



ACADEMIC PLANNING GUIDE 2011-2012

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Argyle High School Graduation Plans

Subject	Recommended Plan	Distinguished Achievement Plan
English (4 credits)	English I, II, III, and IV	English I, II, III, and IV
Math (4 credits)	Algebra I, Geometry, Algebra II, and 4 th math course <i>(The additional credit may be Math Models, but it must be successfully completed before Alg. II)</i>	Algebra I, Geometry, Algebra II, and 4 th math course <i>(The additional credit may not be Math Models)</i>
Science (4 credits)	Biology, Chemistry, Physics and 4 th science course <i>(The additional credit may be IPC, but it must be successfully completed before Chemistry and Physics)</i>	Biology, Chemistry, Physics and 4 th science course <i>(The additional credit may not be IPC)</i>
Social Studies (4 credits)	World Geography, World History, U.S. History, Government (.5) and Economics (.5)	World Geography, World History, U.S. History, Government (.5) and Economics (.5)
Foreign Language (2 - 3 credits)	2 credits of the same language - Spanish or French	3 credits of the same language - Spanish or French
Physical Education (1 credit)	PE, Athletics, Band (fall only), Cheerleading	PE, Athletics, Band (fall only), Cheerleading
Speech (.5 credit)	Communication Application	Communication Application
Technology Applications (1 credit)	Technology	Technology
Fine Arts (1 credit)	Art, Band or Theater	Art, Band or Theater
Electives (3.5 or 4.5 credits)	4.5 Elective Credits	3.5 Elective Credits
Total Credits	26 Credits	26 Credits
		PLUS 4 Advanced Measures Please see next page for details regarding the Advanced Measures.

Distinguished Achievement Plan Advanced Measures

Purpose of the Distinguished Achievement Plan	The Distinguished Achievement Plan recognizes students who demonstrate levels of performance equivalent to college students or work done by professionals in the arts, science, business, industry, or in community service.
Standards for Approval of Requirements	<p>*Advanced measures focus on demonstrated performance at the college or professional level.</p> <p>*Student performance is assessed through external review. (AP Testing, Dual Credit, etc.)</p>
Requirements of Argyle High School's Distinguished Achievement Plan	<p>Students must complete the courses required by the State Board of Education plus the additional requirements listed below:</p> <ul style="list-style-type: none"> ❖ A score of 3 or better on a College Board Advance Placement examination. ❖ A score on the PSAT that qualifies the student for recognition. ❖ A grade of 3.0 or higher in a course that counts for college credit. ❖ A pre-approved Original Research Project judged by a panel of professionals in the project's field or conducted under the direction of mentor(s) and reported to the appropriate audience. <p>The four advanced measures can be any combination of these requirements.</p>

Credits

Awarding Units of Credit

A ½ unit (credit) is earned for satisfactory completion of each semester of coursework. In a 2 semester course, the average of both semesters must be at least a 70 for a full credit to be awarded.

Local Credit

Local credits do not count toward the 26 credits required and are not calculated into the grade point average. The grade earned in a local credit course is recorded on the transcript.

Elective Credit

Any course taken for credit that is not a graduation requirement is considered and elective credit.

Dual Enrollment Credit

When a student takes a college course for both high school and college credit it is considered a dual enrollment credit. The student must meet the college requirements and have high school approval for enrollment.

Advanced Placement Courses

Advanced Placement courses are designed for highly motivated students. These courses provide students with the opportunity to earn college credits by successfully passing the AP exams which are taken in May of each school year. With a successful score, students may earn 3 to 6 hours of credit per course at many colleges and universities.

Credit Options

Argyle High School provides the following opportunities for students to earn credits for recovery or acceleration. See your counselor for more information.

Credit for Remediation

Correspondence Courses - Correspondence/on-line courses offered through Texas Tech University Extended Studies Program or UT Austin K-16 Education Center. Students register online. Take course from home and have 6 months to complete. You will take your final exam in AHS counseling office. Approximate cost is \$150.00 per .5 credit plus cost of books. Limit of 2.0 credits through correspondence courses.

Credit by Exams - Credit-by-exams are offered to students that need to repeat a course due to failure. Students who fail a class due to absences are not eligible to take a CBE to recover credit. See your counselor before ordering exam. You will take the CBE in the AHS testing office. Approximate cost - \$30 per exam.

AHS Credit Recovery - In school program in which students work at their own pace on computer program to earn credit. Cost - \$50.00 per .5 credit. You must have counselor and administrative approval. Core classes are offered for credit recovery only.

Summer School - Students can take summer school through AISD or any other school district. Prices vary.

Credit for Acceleration

Texas Virtual School Network (TxVSN) - Online courses offered through Texas Virtual School provider. See your counselor for more information. Students can only take up to 2.0 credits of on-line courses.

Correspondence Courses - Correspondence/on-line courses offered through Texas Tech University Extended Studies Program or UT Austin K-16 Education Center. Students register online. Take course from home and have 6 months to complete. You will take your final exam in AHS counseling office. Approximate cost is \$150.00 per .5 credit plus cost of books. Limit of 2.0 credits through correspondence courses. Please see your counselor before ordering correspondence course for acceleration. **MUST BE COMPLETED PRIOR TO START OF SENIOR YEAR.**

Credit for Acceleration Exams - Offered to students to earn additional credit. A student must earn a **90% or above** to receive credit. See your counselor before ordering exam. You will take the CBE in the AHS Counseling office.

Summer School - Students can take summer school through AISD or any other accredited school district. Must be a course that is specified for acceleration, so please see your counselor before registering. Prices vary.

***These credits do not calculate into overall GPA**

Grade Point Average

Grade Point Average

GPA is a cumulative average of semester grades earned throughout high school. GPA is calculated at the end of each semester.

It is important to note that local credits, credits taken via correspondence, Texas Virtual School online credits, summer school credits, and credits earned in middle school are excluded from the GPA.

Weighted Credits

Pre-Advanced Placement, Advanced Placement and Dual Credit courses are weighted per semester. These courses are weighted by adding 10% of each semester grade. Numerical grades on the transcript do not reflect the weighting. The weight is calculated into the overall GPA. An asterisk (*) beside the course name in this guide indicates it counts as a weighted class.

Rank

The overall cumulative GPA determines rank in class.

Repeating/Auditing Courses

If a student has taken and been awarded credit for any high school course (even if taken in middle school), the student may be allowed to repeat the course. However, the grade earned in the repeated course will not count for credit and will not calculate into the cumulative grade point average.

Course Descriptions

*All courses marked with an asterisk are weighted credits.

Academic Preparation

SAT/ACT Prep Class

Grade Level: 11 – 12

Prerequisites: none

Semesters: .5

Credit: .5 Local

The SAT Preparation Class is available to any Junior or Senior who wants help preparing for the SAT. Test taking skills and specific test items are emphasized for both the verbal and quantitative sub-tests. An ACT component will also be included. Purchase of the SAT Study Guide is recommended.

English

Required: Four Credits

Credits must consist of:

English I, II, III, & IV

English I

Grade Level: 9

Prerequisites: None

Semesters: 2

Credit: 1

This course provides an interrelated study of literature, language, and composition. Students will concentrate on developing and applying reading skills, essay fundamentals, and vocabulary through the study of various texts. The world literature covered ranges from short stories and novels to poetry and plays. Composition skills will focus on the structure of ideas and basic grammar and include the completion of a research project.

English I Pre-AP*

Grade Level: 9

Prerequisite: Teacher Approval

Semesters: 2

Credit: 1

(Summer assignments are required, and students will receive this information from their English teacher during the last six weeks of school. It will also be published on the high school website.)

This course is designed to prepare students for the rigors associated with the AP English classes. Students should have advanced skills in reading, composition, and grammar. Numerous selections from world literature are covered, and analytical essays over the texts are expected every six weeks. The ability to read and write on an advanced academic level is a necessity since the critical analysis of fiction, non-fiction, and poetry is stressed. A research project or paper is required.

English II*Grade Level: 10**Prerequisite: English I**Semesters: 2**Credit: 1*

This course continues to build on the skills developed in English I. Students are expected to mature in their ability to read and write effectively. Vocabulary development will emphasize the knowledge of roots, prefixes, and suffixes. Once again, the world literature covered ranges from short stories and novels to poetry and plays. A research project or paper is required.

English II Pre-AP**Grade Level: 10**Prerequisite: English I or English I Pre-AP and/or Teacher approval*

(Summer assignments are required, and students will receive this information from their English teacher during the last six weeks of school. It will also be published on the high school website.)

*Semesters: 2**Credit: 1*

This course broadens the skills introduced in Pre-AP English I and familiarizes students with the expectations and formats of the AP English exams. An overview of British and American literature is provided, and students are expected to apply close reading skills on a constant basis. Most writing assignments are designed to promote critical thinking while preparing students for the timed aspect of the exams. In addition, SAT vocabulary is integrated. Once again, the ability to read and write on an advanced level is a necessity since the critical analysis of fiction, non-fiction, and poetry is stressed. A research project or paper is required.

English III*Grade Level: 11**Prerequisite: English II**Semesters: 2**Credit: 1*

This course develops advanced composition and reading skills, promotes mastery of language and grammar usage, and fosters understanding of the major literary periods and forms characterizing American literature. Vocabulary is enhanced with a study of roots and etymology. A research paper with an American literature or vocational focus is required.

English III AP Language/Dual Credit 1301 & 1302**Grade Level: 11**Prerequisite: English II or Pre-AP English II and/or teacher approval.*

(Summer assignments are required, and students will receive this information from their English teacher during the last six weeks of school. It will also be published on the high school website. Students must meet NCTC requirements to enroll in dual credit.)

*Semesters: 2**Credit: 1*

This course prepares students to take the AP Language and Composition Examination. An emphasis is placed on becoming skilled readers of prose (mainly non-fiction) written in a variety of periods, disciplines, and rhetorical contexts, as well as becoming skilled writers who compose for a variety of purposes. A strong vocabulary and solid grammar skills are essential for success.

English IV*Grade Level: 12**Prerequisite: English III**Semesters: 2**Credit: 1*

This course continues to develop advanced composition and reading skills and promote mastery of language and grammar usage. Students will gain an understanding of the major literary periods and forms characterizing British literature. A critical analysis research paper involving British literature is required.

English IV AP Literature/Dual Credit English 2301 & 2302**Grade Level: 12**Prerequisite: AP English Language 11th/Dual Credit 1301 & 1302*

(Summer assignments are required, and students will receive this information from their English teacher during the last six weeks of school. It will also be published on the high school website. Students must meet NCTC requirements to enroll in dual credit.)

*Semesters: 2**Credit: 1*

This course prepares students to take the AP Literature and Composition Exam. An emphasis is placed on the critical analysis of literary works, mainly fiction and poetry. Writing assignments will cover a variety of forms and encourage style development.

Research and Technical Writing/Dual Credit**Grade level: 12**Prerequisite: Teacher Approval**Students must meet NCTC requirements to enroll in dual credit.**Semesters: 1**Credit: .5*

The student will develop the skills necessary for writing persuasive and informative texts such as essays, proposals, and memoranda. Students will be asked to skillfully research a topic or variety of topics and present that information through a variety of media. Students will learn to analyze and discuss both published and unpublished pieces of writing, develop and apply criteria for effective writing, and set their own goals as writers.

Analysis of Visual Media/Dual Credit**Grade Level: 12**Prerequisite: ENGL 1302/Parent approval for viewing of films**Students must meet NCTC requirements to enroll in dual credit.**Semesters: 1**Credit: .5*

This elective course teaches students to become active, critical viewers of various media forms, including those intended to inform, entertain, and persuade. Students will recognize strategies and critique visual and sound techniques of media (such as advertisements, broadcast and print journalism, and online media). The films shown in this class will be narratives with all the basic elements of literature; these will be analyzed, examined and discussed, applying the same methods used in English literature classes. Because many significant films are based on books, students will also consider the relationship between films and the written word. Students will write critical analysis essays, reviews, and research reports, create their own media project, and will participate in class discussions.

Independent Study in English**Grade Level: 10-12**Prerequisite: Teacher Approval**Semesters: 2**Credit: 1*

This course offers a student the chance for in-depth preparation in an English-related UIL Academic event. At the beginning of the year/semester, an individual education plan will be developed based on the student's particular event(s) and needs. Once a student finishes competition (regardless of level), he will complete an analysis of his overall performance and then switch to a personal-interest research project.

Journalism I*Grade Level: 9-12**Prerequisite: none**Semesters: 1**Credit: 1*

Students will write in a variety of forms for a variety of audiences and purposes. Students will plan, draft and complete written composition on a regular basis. Students will use editing skills with an emphasis on clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students will become analytical consumers of media and technology to enhance their communication skills. Students will create, clarify, critique, write and produce effective communications. Students will learn journalistic traditions, research self-selected topics, write journalistic texts, and learn the principles of publishing.

Advanced Journalism: Newspaper I, II, III*Grade Level: 10-12**Prerequisite: Journalism I, application, and teacher approval**Semesters: 2**Credit: 1*

Students will write in a variety of forms for a variety of audiences and purposes. Students will plan, draft and complete written composition on a regular basis. Students will use editing skills with an emphasis on clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students will become analytical consumers of media and technology to enhance their communication skills. Students will create, clarify, critique, write and produce effective communications. Students will learn journalistic traditions, research self-selected topics, write journalistic texts, and learn the principles of publishing. . Students enrolled in Advance Journalism: Newspaper I, II, and III will refine and enhance their journalistic skills, research self-selected topics, and plan, organize, and prepare the published school newspaper. Student reporters and photographers are required to work outside of the school day. Students are expected to participate in fundraising and advertising sales drives.

Advanced Journalism: Yearbook I, II, III

Grade Level: 10-12

Prerequisite: Journalism I, application, and teacher approval

Semesters: 2

Credit: 1

Student will plan, draft, and complete written and/or visual compositions on a regular basis, carefully examining their copy for clarity, engaging language and the correct use of the conventions and mechanics of written English. The students are expected to become analytical consumers of media and technology to enhance their communication skills. In addition, students will learn journalistic ethics and standards. Writing, technology, visual and electronic media are used as tools for learning as students create, clarify, critique, write and produce effective communications. Students enrolled in Advance Journalism: Yearbook I, II, III will refine and enhance their journalistic skills, research self-selected topics, and plan, organize, and prepare a published yearbook as a class.

Math

Required: Four Credits

Credits must include:

Algebra I, Geometry, and Algebra II

Students should take math courses in sequence listed below since the skills in one course build upon skills mastered in previous courses. Therefore, it is important that when registering for courses, students pay careful attention to prerequisite courses and teacher recommendations.

Mathematics Course Sequence				
8th Grade	9th Grade	10th Grade	11th Grade	12th Grade
8 th Grade Math	Algebra I	Geometry	Math Models	Algebra II
8 th Grade Math	Algebra I	Geometry	Algebra II	Advanced Mathematical Decision Making Pre-Calculus AP Statistics College Alg./Trig
8 th Grade Math	Algebra I Pre-AP	Geometry Pre-AP	Algebra II Pre-AP	Pre-Calculus Pre-Calculus PAP AP Statistics College Alg./Trig
8 th Grade Math	Pre-AP Algebra I	Pre-AP Geometry and Pre-AP Algebra II	Pre-AP Pre-Cal Pre-Calculus AP Statistics	AP Calculus BC AP Calculus AB AP Statistics College Alg./Trig
Pre-AP Algebra I	Pre-AP Geometry Geometry	Pre-AP Algebra II Algebra II	Pre-AP Pre-Cal Pre-Calculus	AP Calculus BC AP Calculus AB AP Statistics

Algebra I

Grade Level: 8-9
Prerequisite: None

Semesters: 2
Credits: 1

This course is the “gateway” math course. It is a prerequisite for every other math course offered in high school. It is, generally, the entry-level math course and is taken by most ninth grade students. This course may NOT be taken concurrently with any other math course. This course is meant to develop the structure of the real number system in a variety of ways. Students will learn to solve and graph linear equations and inequalities, factor expressions, and solve quadratic equations. Students are taught to use algebra in real life applications. Students in this course will become proficient in using the graphing calculator. Students who have successfully completed this course in the 8th grade will receive a high school math credit for the course but the grade will not be calculated into the GPA.. The student is encouraged to take at least three additional math courses at grade 9 and above.

Algebra I Pre-AP*

Grade Level: 8-9
Prerequisite: None

Semesters: 2
Credit: 1

Pre-AP Algebra I is the first in a series of rigorous college preparatory courses in secondary mathematics at the pre-AP and AP level. Review of material covered in previous years will be minimal and strong performance in previous mathematics courses should be considered essential. Basic concepts are the same as Algebra I, but major emphasis is placed upon higher level thinking skills. Included in this course is the study of number systems, operations, equations, inequalities, exponents, polynomials, linear equations, linear inequalities, absolute value equations, absolute value inequalities, quadratic equations, rational expressions, relations, functions, systems of equations, radicals and statistics. (If taken in 8th grade this course will not calculate into the GPA, but does, however, count toward graduation requirements.)

Geometry

Grade Level: 9-10
Prerequisite: Algebra I

Semesters: 2
Credit: 1

(Algebra II may be taken concurrently with approval.)

Geometry is a course designed to strengthen the student’s reasoning abilities through techniques learned in developing deductive and inductive proofs. This class also enhances the student’s awareness of geometry in nature as well as in man-made creations.

Geometry Pre-AP**Grade Level: 9-10**Prerequisite: Algebra I and teacher recommendation**Semesters: 2**Credit: 1*

(Algebra II may be taken concurrently with approval)

Pre-AP Geometry provides an enriched course of study in geometry for strong mathematics students. The basic content is the same as regular geometry, but major emphasis is placed upon higher level thinking skills. Applications of geometric concepts to problem solving in algebra and trigonometry are also stressed. Students will investigate non-Euclidean geometry.

Math Models*Grade Level: 10-11**Prerequisite: Algebra I and Geometry**Semesters: 2**Credit: 1*

NOTE: Math Models must be taken before Algebra II to count toward the Recommended Graduation Plan. Math Models is not an approved math course for the Distinguished Achievement Graduation Plan.

In Mathematical Models with Applications, students continue to build on Algebra I and Geometry foundations as they expand their understanding through other mathematical experiences. Students use algebraic, graphical and geometric reasoning to recognize patterns and structure, to model information and to solve problems from various disciplines. Students use mathematical methods to model and solve real-life applied problems involving money, data, chance patterns, music, design and science.

Algebra II*Grade Level: 10-11**Prerequisite: Algebra I and Geometry**Semesters: 2**Credit: 1*

(Geometry may be taken concurrently with approval)

Algebra II extends the concepts learned in Algebra I to the complex number system. Emphasis is placed on the study of functions, graphing, factoring, and equation solving within the field of complex numbers

Algebra II Pre-AP**Grade Level: 10-11**Prerequisite: Alg. I or Geometry (Pre-AP Geometry is strongly recommended)**Semesters: 2**Credit: 1*

Pre-AP Algebra II includes an advanced study of the complex number system, with emphasis on the use of algebra to solve real-world problems. Major emphasis is placed on higher level thinking skills.

Advanced Quantitative Reasoning*Grade Level: 11-12**Prerequisite: Algebra II**Semesters: 2**Credit: 1*

Students continue to build upon their K–8, algebra, and geometry foundations and expand their understanding through further mathematical experiences. The primary focal points of Advanced Mathematical Decision Making include the analysis of information using statistical methods and probability, modeling change and mathematical relationships, mathematical decision making in finance and society, and spatial and geometric modeling for decision making. In Advanced Mathematical Decision Making, students will learn to become critical consumers of the quantitative data that surround them every day, knowledgeable decision makers who use logical reasoning, and mathematical thinkers who can use their quantitative skills to solve problems related to a wide range of situations.

Pre-Calculus*Grade Level: 11-12**Prerequisite: Geometry and Algebra II**Semesters: 2**Credit: 1*

Pre-Calculus is designed to provide the student with the skills in trigonometry, elementary analysis, and analytical geometry necessary for success in physics and calculus. Emphasis is placed on fundamental trigonometric properties and the study of functions and relations.

Pre-Calculus Pre-AP**Grade Level: 11**Prerequisite: Algebra II and Geometry**(Pre-AP Geometry and Pre-AP Algebra II are strongly recommended)**Semesters: 2**Credit: 1*

Pre-AP Pre-Calculus is designed to provide the advanced student with all skills normally obtained in trigonometry, elementary analysis, and analytic geometry. Emphasis is placed on applications of the trigonometric functions; the graphs of higher degree; algebraic, trigonometric, polar, and rational functions and relations; limits; and vector and geometric applications in the plane and space. Focus is on higher level skills necessary to prepare students for Advanced Placement Calculus.

AP Calculus AB/Dual Credit Math**Grade Level: 12**Semesters: 2**Prerequisite: Algebra I, Geometry, Algebra II, and Pre-Calculus**Credit: 1**(Student must meet NCTC requirements to enroll in dual credit.)*

AP Calculus AB is primarily concerned with developing the student's understanding of the concepts of calculus and providing experience with its methods and applications. This course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed geometrically, numerically, analytically, and verbally. The connections among these representations also are important. Technology is used regularly by students and teachers to reinforce the relationships among the multiple representations of functions to confirm written work, to implement experimentation, and to assist in interpreting results. Calculus AB is equivalent to the first semester of college calculus.

AP Calculus BC/Dual Credit Math**Grade Level: 12**Semesters: 2**Prerequisite: Alg. I Pre-AP, Geom. Pre-AP, Alg. II Pre-AP
and Pre-Calculus Pre-AP**Credit: 1**(Student must meet NCTC requirements to enroll in dual credit.)*

AP Calculus BC is primarily concerned with developing the student's understanding of the concepts of calculus and providing experience with its methods and applications. This course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed geometrically, numerically, analytically, and verbally. The connections among these representations also are important. Technology is used regularly by students and teachers to reinforce the relationships among the multiple representations used by students and teachers to reinforce the relationships among the multiple representations of functions, to confirm written work, to implement experimentation, and to assist in interpreting results. Calculus BC is an extension of Calculus AB rather than an enhancement. Common topics require similar depth of understanding. AP Calculus BC includes all the topics covered in the AB course as well as some additional ones. Successful completion of AP Calculus BC is equivalent to the first two semesters of college calculus.

AP Statistics**Grade Level: 11-12**Semesters: 2**Prerequisite: Algebra I, Geometry, and Algebra II**Credit: 1**Student must be willing to do independent research. Students planning to take an AP science course in their senior year will benefit greatly from AP Statistics in their junior year.*

AP Statistics is equivalent to a one-semester, introductory, non-calculus based college course in statistics. The purpose for the AP Statistics course is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. This AP course is an excellent option for any student who has successfully completed Algebra II, regardless of the student's intended college major. Since Algebra II is the prerequisite course, AP Statistics will usually be taken in either the junior or senior year. Mathematically able students are encouraged to take AP Statistics and AP Calculus in high school.

College Algebra**Grade Level: 11-12**Semesters: 1**Prerequisite: Algebra I, Geometry, and Algebra II**Credit: .5**In order for this to count as the fourth math credit student must take College Trigonometry the spring semester. (Student must meet NCTC requirements to enroll in dual credit.)*

College Algebra is a dual credit course that reinforces concepts of Algebra II. It emphasizes equations and inequalities; functions and graphs; polynomial functions; exponential and logarithmic functions, systems of equations; sequences and series; applications.

College Trigonometry**Grade Level: 11-12**Semesters: .5**Prerequisite: Algebra I, Geometry, and Algebra II**Credit: .5**In order for this to count as the fourth math credit the student must successfully complete College Algebra in the fall semester. (Student must meet NCTC requirements to enroll in dual credit.)*

College Trigonometry is a dual credit course that prepares students for higher level mathematics in college. College Trigonometry emphasizes trigonometric functions and graphs; radian measures; identities; equations; solution of right and oblique triangles; inverse trigonometric functions; vectors; complex numbers; applications.

Independent Study in Math*Grade Level: 11-12**Semesters: .5**Prerequisite: Geometry, Algebra II and Teacher Approval**Credit: .5*

Students will extend their mathematical understanding beyond Algebra II level in a specific area or areas of mathematics, such as theory of equation, number theory, non-Euclidean geometry, advanced survey of mathematics, or history of mathematics.

Independent Study in Math/Science**Grade Level: 9-10**Semesters: 1 or 2**Prerequisite: Teacher approval**Credit: .5 or 1*

Students will study areas of special interests including SAT Prep, ACT Prep, UIL Number Sense, UIL Calculator Applications, UIL Mathematics, and UIL Science.

Science

Required: Four credits.

Students must complete one credit each of biology, chemistry, and physics. The fourth science credit may be selected from any of the science electives offered. IPC may count as the fourth science credit, but only if it is taken before completion of chemistry and physics.

Biology

Grade Level: 9

Semesters: 2

Prerequisite: None

Credit: 1

Biology is a required science course that focuses on the major concepts in biology, including cell structure, function, and reproduction, ecology, genetics, classification and an overview of the 6 kingdoms. This course is designed to provide the students with a strong foundation and conceptual understanding of biology.

Biology Pre-AP*

Grade Level: 9

Semesters: 2

Prerequisite: recommended 90 or above in current science class or 80 or above in current Pre-AP science class

Credit: 1

Biology Pre-AP is designed as a college prep class with emphasis on preparation for the Biology AP course. It takes the concepts of biology and expands them to include a more in-depth study, including a greater emphasis on biochemistry. This course is rigorous in pacing, depth, and expectations. It is recommended for people who plan to stay on the Pre-AP/AP science track throughout high school.

Biology AP*

Grade Level: 11-12

Semesters: 2

Prerequisite: Biology Pre-AP, Chemistry, and Algebra I

Credit: 1

(If not on Pre-AP science track, then student must get recommendation from current science teacher)

Biology AP is a course designed to be the equivalent of a college introductory biology course. The college course in biology differs significantly from the usual first high school course in biology with respect to the textbook used, the range and depth of topics covered, the kind of lab work done by the students, and the time and effort required by the students. The AP Biology course is designed to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology.

Integrated Physics & Chemistry (IPC)*Grade Level: 10**Prerequisite: None**Semesters: 2**Credit: 1*

This is an introductory level course covering the fundamental principles of the structure and interactions of matter (chemistry) and the forms of energy and laws of motion (physics). Students will discover these topics in a laboratory setting using the scientific process.

Chemistry*Grade Level: 10-11**Prerequisite: Biology I and Algebra I**Semesters: 2**Credit: 1*

Chemistry is the study of the composition, structure and properties of substances and the changes they undergo. This college preparatory course emphasizes problem solving and mathematical applications.

Chemistry Pre-AP**Grade Level: 10-11**Prerequisite: Biology I and Algebra I with 90+ recommended**Biology Pre-AP and Alg. I Pre-AP with 80+ recommended.**Semesters: 2**Credit: 1*

This course is designed for students showing advanced aptitude toward science and math. This college preparatory course is designed to provide the advanced science student an enriched and expanded chemistry curriculum in preparation for enrollment in AP chemistry. Emphasis is on mathematical applications, lab techniques, and critical thinking.

Chemistry AP/Dual Credit Chemistry**Grade Level: 11-12**Prerequisite: Pre-AP Chemistry or Chemistry with teacher recommendation.**(Student must meet NCTC requirements to enroll in dual credit.)**Semesters: 2**Credit: 1*

This course is designed to provide the material found in college general chemistry for science and engineering students. The course includes topics such as qualitative and quantitative analysis, quantum mechanics, kinetics, equilibrium, and solution chemistry, with an emphasis on mathematical problem solving. Advanced lab investigations involving independent data analysis and study are a major part of the course. The student will be given the opportunity to take the AP test in May, or may enroll through NCTC to receive dual credit.

Physics*Grade Level: 11-12**Semesters: 2**Prerequisite: Biology, Chemistry or IPC, Algebra I**Credit: 1*

This is an introductory course designed to give students a good understanding of the basic principles of mechanics, electricity, and magnetism. Knowledge of algebra is required for the course. Newtonian mechanics, thermal physics, electricity, magnetism, waves, optics, atomic, and nuclear physics will be studied.

Physics Pre-AP**Grade Level: 11-12**Semesters: 2**Prerequisite: Bio., Chem., Alg. I / Pre-AP math background recommended.**Credit: 1*

This is a rigorous course designed to prepare students for AP Physics. The course is for students interested in engineering, science fields, and mathematics as well as other fields related to science. Newtonian mechanics, thermal physics, electricity, magnetism, waves, optics, atomic, and nuclear physics will be studied.

Physics B AP/Dual Credit Physics**Grade Level: 12**Semesters: 2**Prerequisite: Physics Pre-AP, Algebra II**Credit: 1**Teacher recommendation if not on Pre-AP science track.**(Student must meet NCTC requirements to enroll in dual credit.)*

Topics in both classical and modern physics will be covered in this course. Knowledge of algebra and trigonometry is required. The course is for students interested in engineering, science fields, and mathematics as well as other fields related to science. Newtonian mechanics, thermal physics, electricity, magnetism, waves, optics, atomic, and nuclear physics will be studied.

Physics C AP/Dual Credit Physics**Grade Level: 12**Semesters: 2**Prerequisite: Physics Pre-AP, Alg. II**Credit: 1**Teacher recommendation if not on Pre-AP science track.**(Student must meet NCTC requirements to enroll in dual credit.)*

Topics in both classical and modern physics will be covered in this course. Knowledge of algebra and trigonometry is required. The use of calculus in problem solving will increase as the course progresses. The course is for students interested in engineering, science fields, and mathematics as well as other fields related to science. Newtonian mechanics, thermal physics, electricity, magnetism, waves, optics, atomic, and nuclear physics will be studied.

Anatomy & Physiology*Grade Level: 11-12**Prerequisite: Biology and Chemistry**Semesters: 2**Credit: 1*

Anatomy/Physiology is a study of the structure and function of the human body. Students will be required to fully understand all body systems at the microscopic and macroscopic level. This involves dissections of other mammalian organisms in order to better understand the correlate human systems. This course is a rigorous preparatory course designed for students interested in healthcare professions.

Aquatic Science*Grade Level: 11 -12**Prerequisite: Biology, Chemistry**Semesters: 2**Credit: 1*

Students will conduct field and laboratory investigations in a study of a variety of topics that include: components of an aquatic ecosystem; relationships among aquatic habitats and ecosystems; roles of cycles within an aquatic environment; adaptations of aquatic organisms; changes within aquatic environments; geological phenomena and fluid dynamics; and origin and use of water in a watershed.

Environmental Systems*Grade Level: 11 -12**Prerequisite: Biology, Chemistry**Semesters: 2**Credit: 1*

Students conduct field and laboratory investigations while studying a variety of topics that include: biotic and abiotic factors in habitats; ecosystems and biomes; interrelationships among resources and an environmental system; sources and flow of energy through an environmental system; relationship between carrying capacity and changes in populations and ecosystems; and changes in environments.

Social Studies

Required: Three and one-half credits. The credits must consist of World Geography, World History, United States History since Reconstruction, and United States Government. Economics – One-half credit.

The credit must consist of Economics with Emphasis on the Free Enterprise System and Its Benefits.

The social studies curriculum is designed to aid students in the development of appropriate knowledge, skills, and attitudes required to be responsible, contributing citizens in our society. Possible careers for students with social studies training: anthropologist, art historian, civic service, economist, foreign affairs, politics.

World Geography

Grade Level: 9

Prerequisite: None

Semesters: 2

Credit: 1

World Geography is a study of people, human adaptation and cultures, physical environments and geographic factors. There is an emphasis on map study, continents and oceans, environmental issues, the relationship between physical and cultural geography, and the impact that environment has on social, cultural and economic life.

World Geography Pre-AP*

Grade Level: 9

Prerequisite: None

Semesters: 2

Credit: 1

This course covers all the essential elements of the regular course at a faster pace and in more depth, and includes independent study and research to enable students to develop necessary knowledge and critical-thinking skills. This course is designed to meet the needs of students who are GT, college bound, or desire advanced course work.

World History

Grade Level: 10

Prerequisite: World Geography

Semesters: 2

Credit: 1

This course is a survey of man's accomplishments and failures from ancient civilizations to the present. The purpose of the course is to provide an overview of the history of mankind, a study of man's Western heritage and of significant non-Western cultures. Additionally, it provides a continuous record of man's progress and failures and of today's civilizations as an accumulation of these experiences and achievements.

World History AP**Grade Level: 10**Prerequisite: World Geography**Semesters: 2**Credit: 1*

This course covers all the essential elements of the regular course at a faster pace and in more depth, and includes independent study and research to enable students to develop necessary knowledge and critical-thinking skills. This course is designed to meet the needs of students who are GT, college bound, or desire advanced course work. Students will be given the opportunity to take the AP test in May and may earn college credit.

U.S. History*Grade Level: 11**Prerequisite: World Geography or World History**Semesters: 2**Credit: 1*

This is a comprehensive study of economic, political, cultural and geographic trends in our nation. Basic material covers the period of the U.S. from reconstruction and continues through current affairs. Emphasis is placed on social, political and economic affairs and the U.S. as a world power. There is also a component covering the relationship between the geography and social and cultural development of the people. Students will study political leaders and the three branches of the federal government.

U.S. History AP/Dual Credit U.S. History**Grade Level: 11**Prerequisite: World Geography and World History*

For Dual Credit students are required to meet entrance requirements, register and pay tuition for the class through the providing college prior to the beginning of the fall semester.

*Semesters: 2**Credit: 1*

The first semester of this course is a general survey of American history from the earliest discovery period through the Civil War and Reconstruction. The second semester is a general survey of American history from Reconstruction to the present. This course covers all the essential elements of the regular course at a faster pace and in more depth, and includes independent study and research to enable students to develop necessary knowledge and critical-thinking skills. The course is designed to meet the needs of students who are GT, college bound, or desire advanced course work. Students will be given the opportunity to take the AP test in May and may earn college credit.

U.S. Government*Grade Level: 12**Prerequisite: U.S. History, World Geography, and World History**Semesters: 1**Credit: .5*

This required course includes study in the fundamentals of the U.S. political system, the development of the U.S. Government system, the structures and functions of the state and federal government. Emphasis is placed on historical documents linking to the U.S. Constitution. The concept of separation of power is studied by examining the three branches of government. Students will become involved in the political process, political party structure, Electoral College, and the fundamental beliefs of liberal and conservative thought.

AP United States Government and Politics**Grade Level: 12**Prerequisite: None**Semesters: 1**Credit: .5*

This course provides an analytic and critical study of U.S. government and politics, with a focus on preparation for the United States Government and Politics Advanced Placement exam. Instruction is primarily lecture- and discussion-based, and assignments reflect college-level reading loads and writing requirements. Students are also required to familiarize themselves with current events via newspapers, television news reports, and the internet.

Economics*Grade Level: 12**Prerequisite: U.S. History, World Geography, or World History**Semesters: 1**Credit: .5*

This required course is developed around the study of economics with emphasis on the American economic system, basic concepts in economics, the free enterprise system, government involvement with the free enterprise system, the comparison of the economic systems of socialism and communism to the capitalistic system. The American economy is compared to the world market, and the skills necessary to be a prudent economic consumer.

AP Macroeconomics*Grade Level: 12**Prerequisite: None**Semesters: 1**Credit: .5*

This course provides an introduction in and overview of economics, specifically macroeconomics, with a focus on preparation for the Macroeconomics Advanced Placement exam. Campbell McConnell and Stanley Brue, the authors of our textbook, define economics as “the social science concerned with the efficient use of scarce resources to achieve the maximum satisfaction of economic wants.”¹ This definition can be simplified by describing economics as *the study of human decision-making*. This course introduces some basic general economic concepts, but the bulk of the class will focus on macroeconomics, the division of economics that analyzes economies and decision-making on a large scale. Macroeconomics addresses aggregates and whole economies rather than the particular decisions and interactions of individual persons, industries, firms, markets, etc., which are the focus of *microeconomics*.

Old and New Testament Bible Class*Grade Level: 9-12**Prerequisite: None**Semesters: 1 or 2**Credit: .5 or 1*

This course is a survey course covering the entire span of the Bible. The purpose of the course is to demonstrate how each book of the Old and New Testaments have impacted human history. The impacts discussed in the text include historical figures, political decisions, artwork, literary works, songs, and many other facets of human inspiration.

Special Topics in Social Studies for UIL*

Grade Level: 10-12

Prerequisite: Teacher Approval

Semesters: 2

Credit: 1

This course offers a student the chance for in-depth preparation in an English-related UIL Academic event. At the beginning of the year/semester, an individual education plan will be developed based on the student's particular event(s) and needs. Once a student finishes competition (regardless of level), he will complete an analysis of his overall performance and then switch to a personal-interest research project.

Special Topics in Social Studies

Grade Level: 9-12

Prerequisite: None

Semesters: 1

Credit: .5

A Social Studies elective, this class is designed to focus on one particular Social Studies topic in-depth. This is a one semester course. The instructor will choose the topic each semester.

Foreign Language

Language other than English

Required: Two credits for Recommended Graduation Plan. Three credits for Distinguished Graduation Plan. The credits must consist of consecutive levels in the same language.

Spanish I

Grade Level: 8- 9

Prerequisite: None

Semesters: 2

Credit: 1

This is an introductory course to acquire basic skills in Spanish with a limited vocabulary. Emphasis will be placed on listening, speaking, reading and writing of the Spanish language. It will also include the study of Spanish culture. As the course progresses, it is increasingly conducted in Spanish and requires the discipline of daily study. If taken in the 8th grade this course will count for credit but will not be calculated into the GPA.

Spanish II

Grade Level: 9-10

Prerequisite: Spanish I

Semesters: 2

Credit: 1

The purpose of Spanish II is to increase the language proficiency developed in Spanish I in the four skills of listening, speaking, reading and writing. Extended vocabulary lists and an increase in the complexity of grammatical structures are emphasized. It will also include the study of Spanish culture. This course is taught in Spanish and requires the discipline of daily study.

*If Spanish II is chosen a student will not be able to enter the Pre-AP or AP program at a later date.

Spanish II Pre-AP*

Grade Level: 9-10

Prerequisite: "A" in Spanish I, and/or a teacher recommendation

Semesters: 2

Credit: 1

Spanish II Pre-AP is an intense study of all grammatical tenses and develops a more advanced vocabulary. This class focuses on the improvement of the student's ability to listen, speak, read and write using authentic material. Spanish culture is also an important aspect of the class as it furthers a student's understanding of the diversity of the Spanish speaking cultures.

Spanish III

Grade Level: 10-11

Prerequisite: Spanish II

Semesters: 2

Credit: 1

A Spanish program designed to expand level I and II knowledge by enabling students to acquire a deeper understanding of the language and culture. An equal emphasis will be placed on developing the four language skills as well as studying the culture of the Spanish-speaking world.

Spanish III Pre-AP**Grade Level: 10-11**Prerequisite: Spanish II Pre-AP**Semesters: 2**Credit: 1*

This advanced and intense Spanish program enables students to acquire a deeper understanding of the language and culture. An equal emphasis will be placed on developing the four language skills using a variety of authentic material. They will be exposed to a variety of literature that will incorporate cultural aspects. The class will be taught in Spanish.

Spanish IV-AP**Grade Level: 11-12**Prerequisite: Both Spanish II and III Pre-AP**Semesters: 2**Credit: 1*

This course prepares students to take the Spanish Language AP exam. Authentic material will be used to reinforce language proficiency in all four language skills. A further understanding of the diversity of cultures is to be a focus in order to render success on the exam. The class will be taught in Spanish.

French I*Grade Level: 9-10**Prerequisite: None**Semesters: 2**Credit: 1*

French I is an introduction to the French-speaking world, its language, and its people. The main emphasis is on early oral communication skills while developing reading and writing skills. Grammar skills are introduced through both oral and written expression. The student is guided in recognizing the interrelationships of languages and in understanding the cultural aspects of the French-speaking world.

French II*Grade level: 9-10**Prerequisite: French I**Semesters: 2**Credit: 1*

French II emphasizes the further development of vocabulary and oral skills, reading comprehension, writing compositions, and cultural appreciation. Presentation of verb tense construction and grammatical structures continues. The students contrast English with French language operations to strengthen the language-learning process. The course requires the self-discipline of daily study.

French II Pre-AP*

Grade level: 9-10

Prerequisite: An “A” in French I,
And/or a teacher recommendation

Semesters: 2

Credit: 1

French II Pre-AP is an intense study of grammatical elements, and develops a more advanced vocabulary. This class focuses on the improvement of the student’s ability to listen, speak, read and write using authentic material. Communicative proficiency is emphasized. French culture is also an important aspect of the class as it further develops an understanding of the diversity of the Francophone world.

French III Pre-AP*

Grade Level: 11-12

Prerequisite: French II or French II Pre-AP

Semesters: 2

Credit: 1

French III Pre-AP is designed to upgrade listening, speaking, reading, and writing skills from the production of essential messages to original compositions. Communicative proficiency is emphasized. An awareness of culture, literature, and conversational patterns is enhanced with the use of tapes, newspapers, and literary selections. French is spoken almost exclusively.

French IV AP*

Grade Level: 11-12

Prerequisite: French III Pre-AP

Semesters: 2

Credit: 1

Pre-AP French IV is designed to prepare the student for the AP French exam. Communicative and grammar proficiency in listening, speaking, reading, and writing is emphasized through daily practice. An awareness of culture, literature, and conversational patterns is enhanced through the use of authentic documents. French is spoken almost exclusively.

Physical Education/Health**Required: One credit of physical education or the equivalent**

The following activities will receive Physical Education substitution credit for high school graduation. These will be counted as state credits and be calculated into the GPA:

Athletics – 4 credits

External PE – 4 credits

Cheerleading – 1 credit

Marching Band – 1 credit (The subsequent years will count as fine arts credits and also be calculated into the GPA)

Foundations of Personal Fitness

Grade Level: 9-12
Prerequisite: None

Semesters: 1
Credit:

In Physical Education, students acquire the knowledge and skills for movement that provides the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle.

Physical Education Equivalent

Grade Level: 9-12
Prerequisite: Teacher approval

Semesters: 1
Credit: .5

These courses are for students in UIL competitive athletics. A student who successfully completes athletics receives physical education equivalent for each semester of athletics. Eight semesters of Athletics (or 4 credits) may count toward state graduation requirements. Any additional participation in physical education will receive local credit only and will not count toward state graduation requirements.

Physical Education I, II, III

Grade Level: 9-12
Prerequisite: Foundations of Personal Fitness

Semesters: 1
Credit: .5

In Physical Education, students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle.

Outdoor Education

Grade Level: 9-12
Prerequisite: Foundations of Personal Fitness

Semesters: 1
Credit: .5

Students enrolled in adventure outdoor education are expected to develop competency in outdoor education activities that provide opportunities for enjoyment and challenge. Emphasis is placed upon student selection of activities that also promote a respect for the environment and that can be enjoyed for a lifetime.

External Physical Education I, II, III, IV

Grade Level: 9-12
Prerequisite: Student must complete and submit application for approval.
Course requirements must be met for acceptance. See Athletic Coordinator or the Argyle ISD Website for application.

Semesters: 1
Credit: .5

Health*Grade Level: 9-12**Prerequisite: none**Semesters: 1**Credit: .5*

Students study the physical dimensions of health education as they relate to the study of body systems and the senses of the body. Proper care of one's body, including appropriate exercise, nutrition, and personal hygiene are integral aspects of the course. Emphasis is also placed on the effects of drug abuse, first aid practices, and communicable diseases, as well as good decision-making as related to health.

Speech**Required: One-half Credit****Communication Applications***Grade Level: 9-12**Prerequisite: None**Semesters: 1**Credit: .5*

This required course will explore the process and various aspects of communications through the spoken word. Students will become experienced in delivering and evaluating different types of speeches including impromptu, extemporaneous, manuscript, and memorized. In addition, various purposes will be explored including persuasive, informative and entertaining. Students will be expected to identify, analyze, develop, and evaluate communication skills needed for professional and social success in interpersonal situations, group interactions, and personal and professional presentations. Teen Leadership curriculum is used to meet the TEKS for this course.

Fine Arts**Required: One Credit****Credit may be taken in area of Art, Music or Theatre****Art****Art I - Introduction to Art II & III – Dimensional Design***Grade Level: 9-12**Prerequisite: None**Semesters: 2**Credit: 1*

This is a beginning two semester course designed to introduce the student to the elements and principles of design through work with a variety of media and techniques. Development of the student's abilities to make critical judgments about art is addressed and understanding and appreciation of the influences of art from other times and cultures are also developed. The first course should be a prerequisite for further study.

Drawing II*Grade Level: 10-12**Prerequisite: Art I**Semesters: 2**Credit: 1*

A variety of techniques are used in drawing with pencil, ink, charcoal and pastel to do still-life, landscapes, designs, people, animals, and more. Frameworks of theory are used to compare and contrast most drawings including many masters in cultural context. Students are helped individually to increase their understanding and skills in creating images, which is an asset in all other art courses.

Drawing III*Grade Level: 11-12**Prerequisite: Drawing II**Semesters: 2**Credit: 1*

Pre-AP

Art level 3 is a non-instructional, syllabus-based, self-motivated course. Artists build on skills and terminology learned in previous courses. Most work is completed outside the classroom setting. Class time is devoted to instructor and peer critique, consultation, and with written statements generated by the artist. Syllabus and sketch or journal assignments are provided each grading cycle with deadlines established.

Drawing IV*Grade 12**Prerequisite: Drawing III**Semesters: 2**Credit: 1*

Advanced Placement

Art level 4 is a non-instructional, syllabus-based, self-motivated course. Artists create a portfolio of work to be submitted to the College Board at the end of the course. Most work is completed outside the classroom setting. Class time is devoted to instructor and peer critique, consultation, and with written statements generated by the artist. Syllabus and sketch or journal assignments are provided each grading cycle with deadlines established.

Painting II*Grade Level: 10-12**Prerequisite: Art I**Semesters: 2**Credit: 1*

Acrylic, watercolor, and tempera paints, along with many techniques, are utilized to help all ability levels create a variety of realistic and abstract projects. Many styles of painting from the past and present are presented. Discussions concern major ideas and theories along with exercises in criticism.

Painting III*Grade Level: 11-12**Prerequisite: Painting II, Pre-AP**Semesters: 2**Credit: 1*

Art level 3 is a non-instructional, syllabus-based, self-motivated course. Artists build on skills and terminology learned in previous courses. Most work is completed outside the classroom setting. Class time is devoted to instructor and peer critique, consultation, and with written statements generated by the artist. Syllabus and sketch or journal assignments are provided each grading cycle with deadlines established.

Painting IV*Grade Level: 12**Prerequisite: Painting III, AP**Semesters: 2**Credits: 1*

Art level 4 is a non-instructional, syllabus-based, self-motivated course. Artists create a portfolio of work to be submitted to the College Board at the end of the course. Most work is completed outside the classroom setting. Class time is devoted to instructor and peer critique, consultation, and with written statements generated by the artist. Syllabus and sketch or journal assignments are provided each grading cycle with deadlines established.

AP Studio Art: 2-D Design Portfolio**Grade Level: 12**Prerequisite: Art I, II, III and visual art teacher recommendation**Semesters: 2**Credits: 1*

This portfolio is intended to address two-dimensional (2-D) design issues. Design involves purposeful decision making about how to use the elements and principles of art in an integrative way. The *principles* of design (unity/variety, balance, emphasis, contrast, rhythm, repetition, proportion/scale, figure/ground relationships), articulated through the visual *elements* (line, shape, color, value, texture, space), help guide artists in making decisions about how to organize the elements on a picture plane in order to communicate content. Good design is possible whether one uses representational, abstract, or expressive approaches to making art. For this portfolio, students are asked to demonstrate mastery of 2-D design through any two dimensional medium or process, including, but not limited to, graphic design, digital imaging, photography, collage, fabric design, weaving, illustration, painting, and printmaking. Videotapes, three-dimensional works, and photocopies of a student's work in other media may not be submitted. Any work that makes use of other artists' work (including photographs) and/or published images must show substantial and significant development beyond duplication. This may be demonstrated through manipulation of the formal qualities, design, and/or concept of the original work. *It is unethical, constitutes plagiarism, and often violates copyright law simply to copy an image (even in another medium) that was made by someone else.*

AP Studio Art: Drawing Portfolio**Grade Level: 12**Prerequisite: Art I, II, III and visual art teacher recommendation**Semesters: 2**Credit: 1*

The Drawing Portfolio is designed to address a very broad interpretation of drawing issues and media. Light and shade, line quality, rendering of form, composition, surface manipulation, and illusion of depth are drawing issues that can be addressed through a variety of means, which could include painting, printmaking, mixed media, etc. Abstract, observational, and inventive works may demonstrate drawing competence. The range of marks used to make drawings, the arrangement of those marks, and the materials used to make marks are endless. Photography, videotapes, digital imaging, photocopies of work, and three-dimensional work may NOT be submitted for the Drawing Portfolio. Any work that makes use of other artists' works (including photographs) and/or published images must show substantial and significant development beyond duplication. This may be demonstrated through manipulation of the formal qualities, design, and/or concept of the original work. *It is unethical. Constitutes plagiarism, and often violates copyright law simply to copy an image (even in another medium) that was made by someone else.*

Photography II*Grade Level: 10-12**Prerequisite: Art I**Semesters: 2**Credit: 1*

This course is designed to explore the use of the camera and darkroom as a means of artistic expression and observation. Students develop specific skills in camera use, film processing and general darkroom technique. Students are also encouraged to articulate their ideas in group critique sessions. Upon completion of the course, students should possess the practical skills to produce expressive images and have an increased awareness of art and its power.

Photography III*Grade Level: 11-12**Prerequisite: Photography II**Semesters: 2**Credit: 1*

Pre-AP Art level 3 is a non-instructional, syllabus-based, self-motivated course. Artists build on skills and terminology learned in previous courses. Most work is completed outside the classroom setting. Class time is devoted to instructor and peer critique, consultation, and with written statements generated by the artist. Syllabus and sketch or journal assignments are provided each grading cycle with deadlines established.

Photography IV*Grade Level: 12**Prerequisite: Photography III**Semesters: 2**Credit: 1***Advanced Placement**

Art level 4 is a non-instructional, syllabus-based, self-motivated course. Artists create a portfolio of work to be submitted to the College Board at the end of the course. Most work is completed outside the classroom setting. Class time is devoted to instructor and peer critique, consultation, and with written statements generated by the artist. Syllabus and sketch or journal assignments are provided each grading cycle with deadlines established.

Music**Band/Percussion I-IV***Grade Level: 9-12**Prerequisite: Previous level of band or teacher approval**Semesters: 2**Credit: 1*

Band is a two semester course, which provides students the opportunity to develop musical skills in perception, creative expression and performance, historical and cultural heritage and critical evaluation. Students receive physical education waiver for marching band during the first semester. Students are required to participate in all performances, competitions, and scheduled section rehearsals.

Theatre**Theatre I***Grade Level: 9-12**Prerequisite: None**Semesters: 2**Credit: 1*

This course is designed as a survey course, provides the student with a sampling of all facets of theatre, with an emphasis placed on actor training. Subject matter will include acting techniques, role scoring, characterization, improvisation, pantomime, and verbal acting.

Theatre II-IV*Grade Level: 10-12**Prerequisite: Previous level of Theatre Arts or teacher approval**Semesters: 2**Credit: 1*

Theatre Arts II-IV is designed to emphasize advanced study in the areas of acting, directing, and design. The course provides the student with advanced actor training, specialized skills or directing and design.

Technical Theatre I*Grade Level: 9-12**Prerequisite: Theatre I**Semesters: 2**Credit: 1*

This course is an introduction to technical theatre, the application and skills to create and/or operate functional scenery, properties, lighting, sound, costumes, makeup and publicity.

Career & Technology Education**Technology Applications****Required: One Credit****Principles of Business, Marketing, and Finance***Grade Level: 9-11**Prerequisite: None**Semesters: 1**Credit: .5*

In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing, and finance.

Business Information Management I*Grade Level: 9-12**Prerequisite: None**Semesters: 2**Credit: 1*

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.

Business Information Management II**Grade Level: 11-12**Prerequisite: Business Information Management I**Semesters: 2**Credit: 1*

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies, create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs, and make an electronic presentation using appropriate multimedia software.

Money Matters*Grades: 9-12**Recommended Prerequisite:**Principles of Business, Marketing, and Finance**Semesters: 1**Credit: .5*

Students will investigate global economics with emphasis on the free enterprise system and its impact on consumers and businesses. Students apply critical-thinking skills to analyze financial options based on current and projected economic factors. Students will gain knowledge and skills necessary to set long-term financial goals based on those options. Students will determine methods of achieving long-term financial goals through investment, tax planning, asset allocation, risk management, retirement planning, and estate planning.

Accounting I*Grades: 11-12**Prerequisite: None**Semesters: 2**Credit: 1*

Students investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students formulate and interpret financial information for use in management decision making.

Accounting I - UIL**Grades: 11-12**Prerequisite: Teacher Approval**Semesters: 2**Credit: 1*

Students investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students formulate and interpret financial information for use in management decision making. Students are required to participate in at least 2 UIL contests and complete 2 out of class simulations. The simulations require 10-15 hours of preparation time. The UIL course moves at a faster pace than the regular course.

Digital and Interactive Media*Grades: 10-12**Prerequisite: none**Semesters: 2**Credit: 1*

Through the study of digital and interactive media and its application in information technology, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment.

Marketing Dynamics*Grades: 11-12**Prerequisite: Principles of Business, Marketing and Finance**Semesters: 2**Credit: 2-3*

Marketing is a series of dynamic activities that focus on the customer to generate a profitable exchange. Students gain knowledge and skills that help them to be proficient in one or more of the marketing functional areas associated with distribution, financing, marketing information management, pricing, product planning, promotion, purchasing, risk management, and selling skills. Students integrate skills from academic subjects, information technology, interpersonal communication, and management training to make responsible decisions. This course may include paid or unpaid career preparation experience.

Practicum in Marketing Dynamics*Grades: 12**Prerequisite: Marketing Dynamics**Semesters: 2**Credit: 2-3*

Through course required employment, students gain knowledge and skills that help them become proficient in one or more of the marketing functional areas. Students will illustrate appropriate management and research skills to create the marketing mix. This course covers technology, communication, and customer-service skills. The practicum is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. The practicum course is a paid or unpaid experience for students participating in a coherent sequence of career and technical education courses in marketing education.

Advanced Technology Complex

Argyle High School students are eligible to complete an application to attend classes at the Lagrone Advanced Technology Complex in Denton. Please contact your counselor for more information. Your application must be approved by the Advanced Technology Complex as well as Argyle High School administration.

For more information: www.dentonisd.org/dentonatc

Lagrone Advanced Technology Complex
1504 Long Rd
Denton TX, 76207
(940) 369-4850

Mission Statement

The mission of Career & Technology Education is to prepare students to succeed in high demand occupations within the 21st century's competitive global economy.

- Rigor & Relevant Instruction
- Seamless Education Transition
- High Demand Occupations
- Community College Credits
- Aligned Educational Models
- Preparation for the Future

What do we do?

Technology is vital for the 21st century. To keep pace in the rapidly changing world, the Advanced Technology Complex was opened in August of 2006. It is a professional training facility to prepare high school students and adults for today and tomorrow's high demand careers. Its main purpose is to provide an innovative advanced learning environment that partner with business/industry and aligns with university/community college programs to maximize student potential for success. Each academy specializes in students earning university or community college credit and/or professional certifications and licenses.